**PYTHON – WORKSHEET 1**

***Q1 to Q8 have only one correct answer. Choose the correct option to answer your question.***

**1. Which of the following operators is used to calculate remainder in a division?**

**A) # B) & C) % D) $**

**Answer:- C**

**2. In python 2//3 is equal to?**

**A) 0.666 B) 0 C) 1 D) 0.67**

**Answer:- B**

**3. In python, 6<<2 is equal to?**

**A) 36 B) 10 C) 24 D) 45**

**Answer:- C**

**4. In python, 6&2 will give which of the following as output?**

**A) 2 B) True C) False D) 0**

**Answer:- A**

**5. In python, 6|2 will give which of the following as output?**

**A) 2 B) 4 C) 0 D) 6**

**Answer:- D**

**6. What does the finally keyword denotes in python?**

**A) It is used to mark the end of the code**

**B) It encloses the lines of code which will be executed if any error occurs while executing the lines of code in the try block.**

**C) the finally block will be executed no matter if the try block raises an error or not.**

**D) None of the above**

**Answer:- C**

**7. What does raise keyword is used for in python?**

**A) It is used to raise an exception.**

**B) It is used to define lambda function**

**C) it's not a keyword in python.**

**D) None of the above**

**Answer:- A**

**8. Which of the following is a common use case of yield keyword in python?**

**A) in defining an iterator**

**B) while defining a lambda function**

**C) in defining a generator**

**D) in for loop**

**Answer:- A**

***Q9 and Q10 have multiple correct answers. Choose all the correct options to answer your question.***

**9. Which of the following are the valid variable names?**

**A) \_abc**

**B) 1abc**

**C) abc2**

**D) None of the above**

**Answer:- A,B,C**

**10. Which of the following are the keywords in python?**

**A) yield**

**B) raise**

**C) look-in**

**D) all of the above**

**Answer:- A,B**

***Q11 to Q15 are programming questions. Answer them in Jupyter Notebook.***

**----- Please find attached Jupyter file for the same.**